Amendments to the Claims:

1 (previously presented): A method for modifying a schematic over an Internet, comprising:

establishing a connection between a client and a server;

automatically determining components for a circuit that is based on circuit requirements obtained from a user interface on the client; wherein thermally enabled components are identified as thermally enabled when presented on the client;

generating the schematic for the circuit based on a selection of at least one of the determined components;

displaying the schematic on the client; wherein the schematic includes components that comprise wire components and electrical components that are movable within the schematic; wherein the wires are selectable within the schematic and wherein each endpoint of the wire is independently movable;

choosing a component to modify;

modifying the component within the schematic; and

analyzing the modified schematic using an electrical simulation and a thermal simulation; wherein the thermal simulation and the electrical simulation are performed on a computer that is different from the client.

2. (previously presented): The method of Claim 1, wherein modifying the component within the schematic comprises selecting a wire component; determining an endpoint of the wire component to move; and moving the end point of the wire component.

3. (original) The method of Claim 1, wherein choosing a component further comprises providing a palette of choices to a user from which to select at least one from a component and a block.

4. (previously presented): The method of Claim 3, wherein the component is selected from a wire component, an electrical component, a simulation component and a block.

5. (original) The method of Claim 4, wherein modifying the component within the schematic further comprises adjusting one of a wire location, a component location, and a block symbol location.

6. (original) The method of Claim 1, further comprising scaling the schematic to provide a different level of detail.

7. (original) The method of Claim 1, further comprising providing user controlled panning and scanning for the schematic on the client.

8. (original) The method of Claim 4, wherein modifying the component within the schematic further comprises providing a grid to aid placement of the component within the schematic.

9. (original) The method of Claim 4, further comprising generating a netlist in response to the modification of the schematic.

10. (previously presented): The method of Claim 4, further comprising generating a component connectivity list which is used to generate a simulation.

11. (previously presented): A computer-readable medium that includes computer executable instructions for modifying a schematic over an Internet, comprising:

establishing a connection between a client and a server;

automatically determining components for a circuit that is based on circuit requirements obtained from a user interface on the client; wherein thermally enabled components are identified as thermally enabled when presented on the client;

generating the schematic for the circuit based on a selection of at least one of the determined components;

displaying the schematic within a web page on the client; wherein the schematic includes components that comprise wire components and electrical components that are movable within

the schematic; wherein the wires are selectable within the schematic and wherein each endpoint of the wire is independently movable;

choosing a component to modify within the web page;

modifying the component in the schematic within the web page; wherein modifying the component comprises: moving an endpoint of a wire component and removing the component from the schematic within the web page; and

analyzing the modified schematic using an electrical simulation and a thermal simulation wherein the thermal simulation and the electrical simulation are performed on a computer that is different from the client.

12. (previously presented) The computer-readable medium of Claim 11, further comprising generating a block symbol to represent at least a portion of the schematic.

13. (previously presented): The computer-readable medium of Claim 12, wherein the component is chosen from a wire component, an electrical component, and a simulation component.

14. (previously presented): The computer-readable medium of Claim 13, wherein modifying the component in the schematic further comprises adjusting one of a wire location, a component location, and a block symbol location.

15. (previously presented) The computer-readable medium of Claim 11, further comprising generating a netlist on the client in response to the modification of the schematic.

16. (previously presented): A system for modifying a schematic over a network, comprising:

a client having a client network connection device, the client network connection device operative to connect the client and a user to the network;

a server having a server network connection device, the server network connection device operative to connect the server to the network; and

a schematic modification device, operative to perform actions, including:

automatically determining components for a circuit that is based on circuit requirements obtained from a user interface on the client; wherein thermally enabled components are identified as thermally enabled when presented on the client;

generating the schematic for the circuit based on a selection of at least one of the determined components;

displaying the schematic within a web page on the client; wherein the schematic includes components that comprise wire components and electrical components that are movable within the schematic; wherein the wires are selectable within the schematic and wherein each endpoint of the wire is independently movable;

choosing a component to modify within the web page; and

modifying the component in the schematic within the web page; and

analyzing the modified schematic using an electrical simulation and a thermal simulation wherein the thermal simulation and the electrical simulation are performed on a computer that is different from the client.

17. (original) The system of Claim 16, wherein the schematic modification device further comprises actions to generate a block symbol to represent at least a portion of the schematic.

18. (original) The system of Claim 16, wherein the schematic modification device further comprises actions to choose a component from a wire component, an electrical component, and a simulation component.

19. (previously presented): The system of Claim 18, wherein modifying the component in the schematic further comprises adjusting at least one of one of a wire location, a component location, and a block symbol location.

20. (original) The system of Claim 16, further comprising generating a netlist in response to the modification of the schematic.

21. (previously presented): The system of Claim 16, further comprising generating a component connectivity list which is used to generate a simulation.

22. (currently amended): An apparatus for modifying a schematic over an Internet, comprising:

means for establishing a connection between a client and a server;

means for automatically determining components for a circuit that is based on circuit requirements obtained from a user interface on the client; wherein thermally enabled components are identified as thermally enabled when presented on the client;

means for generating the schematic for the circuit based on a selection of at least one of the determined components;

means for displaying the schematic within a web page on the client; wherein the schematic includes components that comprise wire components and electrical components that are movable within the schematic; wherein the wires are selectable within the schematic and wherein each endpoint of the wire is independently movable;

means for choosing a component to modify within the web page; and

means for modifying the component in the schematic within the web page; and

means for analyzing the modified schematic using an electrical simulation tool and a thermal simulation tool wherein ~~the~~ a thermal simulation and ~~the~~ an electrical simulation are performed on a computer that is different from the client.